Polyacrylamide Hydrogel (iPAAG) injection for knee osteoarthritis

Statistically significant reduction in pain maintained at 3 years.[1]

Results from 156 weeks after treatment (IDA 3 years)[1]

Objective

The primary objective of this study was to evaluate the efficacy and safety of a single injection of 6ml intra-articular Arthrosamid® on knee symptoms in participants with moderate to severe knee OA.

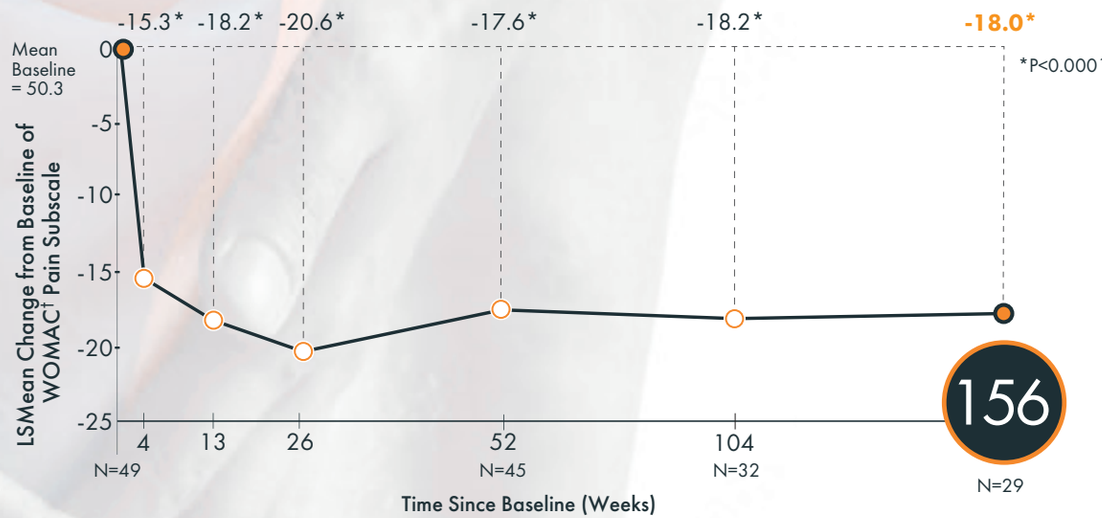
Method

- Prospective, multicentre study (3 sites in Denmark) where 49 patients received a single intra-articular injection of 6ml Arthrosamid®.
- **Outcomes included the transformed pain, stiffness and function subscales and PGA** of disease impact.**
- **Changes from baseline to 52 weeks, 104 weeks and 156 weeks were analysed using the mixed model for repeated measurement (MMRM).**

Conclusion

Single injections of 6 ml intra-articular Arthrosamid® are well tolerated and continue demonstrate clinically relevant and statistically significant effectiveness 3 years after treatment.

Results



† WOMAC or The Western Ontario and McMaster Universities Osteoarthritis Index is a measure of symptoms and physical disability LSMeans are modelled/estimated means. The estimated means are using data from the other visits and also the covariates. ** The PGA was based on responses to the question "How much does the knee osteoarthritis (treatment knee) as a whole affect your life at present?" indicated on a 100mm Visual Analogue Scale (VAS) with anchors 0 = "Not at all" and 100 = "The worst imaginable".

iPAAG: Injectable polyacrylamide hydrogel

ARTHROSAMID®

by contura ORTHOPAEDICS

References:

1. Henriksen, M., *et al.* (2023) 3 Year Results From a Prospective Study of Polyacrylamide Hydrogel for Knee Osteoarthritis. Poster 483 presented at OARSI 2023.

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